

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	Unknown
Confirmation Number	Unknown
Filing Date	May 2, 2006
First Named Inventor	Hiroyuki MORI
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q94456

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
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		US			
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		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	8-302080	A	11/19/1996	Fukuvi Chemical Industry	
		JP	8-81584	A	03/26/1996	Mizusawa Industrial Chemicals, Ltd.	
		JP	8-113828	A	05/07/1996	Nippon Ester. Kabushiki Kaisha	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the internet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016779

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ B29B9/12, C08L23/00, C08J3/12, D01F1/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ B29B9/12, C08L23/00, C08J3/12, D01F1/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Jitsuyo Shinan Toroku Koho	1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 8-302080 A (Fukuvi Chemical Industry Co., Ltd.), 19 November, 1996 (19.11.96), Claims; Par. Nos. [0016] to [0023] (Family: none)	5, 6 1-4
Y	JP 8-81584 A (Mizusawa Industrial Chemicals, Ltd.), 26 March, 1996 (26.03.96), Claims; Par. Nos. [0083] to [0087] (Family: none)	5, 6
Y A	JP 8-113828 A (Nippon Ester Kabushiki Kaisha), 07 May, 1996 (07.05.96), Claims; Par. No. [0006]; examples (Family: none)	6 1-4

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
28 January, 2005 (28.01.05)Date of mailing of the international search report
15 February, 2005 (15.02.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016779

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

The technical feature of the pellet of a two-layer structure for an insect control resin composition of claims 1-4 resides in that the pellet has a core-sheath structure to thereby prevent the insect control compound from bleeding to the pellet surface and retain satisfactory suitability for storage, etc. On the other hand, the insect control resin composition of claim 5 is merely a composition containing a specific proportion of a specific olefin resin composition and has no technical feature corresponding to the technical feature of claims 1-4. There is hence no technical relationship between the subject matter of claim 5 and the subject matter of claims 1-4 which involves (continued to extra sheet)

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016779

Continuation of Box No.III of continuation of first sheet(2)

one or more identical or corresponding special technical features. The insect control fibers of claim 6 are ones formed by melt-spinning the resin composition of claim 5 and, like the subject matter of claim 5, have no technical feature corresponding to the technical feature of claims 1-4. There is hence no technical relationship between the subject matter of claim 6 and the subject matter of claims 1-4 which involves one or more identical or corresponding special technical features. Therefore, the subject matter of claims 1-4, that of claim 5, and that of claim 6 are not considered to be so linked as to form a single general inventive concept.